

Organization:

Remote Sensing Institute  
South Dakota State University  
Brookings, South Dakota 57006

Title:

Monthly Report to National  
Aeronautics and Space  
Administration

Report Type:

Monthly Progress Report  
May 1975

EREP Investigation Number:

S452 "Made available under NASA sponsorship  
in the interest of early and wide dis-  
semination of Earth Resources Survey  
Program information and without liability  
for any use made thereof."

NASA Contract Number:

NAS 9-13337

Principal Investigator:

Victor I. Myers

Date Submitted:

June 20, 1975

NASA Technical Monitor:

Clayton Forbes  
Operations Room  
Code TF6  
Johnson Space Center  
Houston, Texas 77058

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(E75-10395) DEVELOP TECHNIQUES AND  
PROCEDURES, USING MULTISPECTRAL SYSTEMS, TO  
IDENTIFY FROM REMOTELY SENSED DATA THE  
PHYSICAL AND THERMAL CHARACTERISTICS OF  
PLANTS AND SOIL Monthly Progress (South

N75-33450

G3/43 Unclass  
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3.0 Report of work as identified in Ex. A (SOW) --- Contract NAS 9-13337.

3.1 Progress Reports

a. Overall status ---

A paper entitled "Evaluation of Thermal X/5-Detector SKYLAB S-192 Data for Estimating Evapotranspiration and Thermal Properties of Soils for Irrigation Management" was prepared for and presented at the Agriculture, Forestry, Range Resource Inventory and Management Section of the Earth Resource Survey Symposium held in Houston, Texas June 8-13, 1975. Completion of the final manuscript for publication was pursued.

b. Recommendations ---

None at this time

c. Expected accomplishments ---

None at this time

d. A readily.....results.....

None at this time

e. Summary outlook ---

The ground-based ET assessments were conducted for seven different physical settings. The analysis will include a multistage approach for assessing ET of agricultural land.

f. Travel summary ---

None expected.

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